

RULE 63 (37 C.F.R. 1.63)
INVENTORS DECLARATION FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SILICON MODIFIED BOND COAT IN THERMAL BARRIER COATING FOR SUPERALLOYS

the specification of which (check applicable box(es)):

☒ is attached hereto
☐ was filed on _____ as U.S. Application Serial No. _____ Unassigned (Atty. Dkt. No. 839-1055)
☐ was filed as PCT International application No. _____ on _____
and (if applicable to U.S. or PCT application) was amended on _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

| Application Number | Country | Day/Month/Year Filed |
|--------------------|---------|----------------------|
|--------------------|---------|----------------------|

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

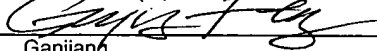
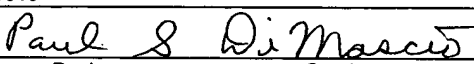
| Application Number | Date/Month/Year Filed |
|--------------------|-----------------------|
|--------------------|-----------------------|

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below:

Prior U.S./PCT Application(s):

| Application Serial No. | Day/Month/Year Filed | Status: patented pending, abandoned |
|------------------------|----------------------|--|
|------------------------|----------------------|--|

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-816-4000 (to whom all communications are to be directed) and the attorneys of: **Customer Number 30024**, individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys from that Customer Number, and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

| | | |
|----|--|---|
| 1. | Inventor's Signature: <u></u> | Date: <u>03/25/04</u> |
| | Inventor: <u>Ganjiang</u> <u>MI</u> <u>Feng</u> <u>United States</u> | <u>(first)</u> <u>(last)</u> <u>(citizenship)</u> |
| | Residence: (city) <u>Greenville</u> (state/country) <u>South Carolina</u> | |
| | Mailing Address: <u>19 Breckenridge Court, Greenville, South Carolina</u> | |
| | (Zip Code) <u>29615</u> | |
| 2. | Inventor's Signature: <u></u> | Date: <u>Mar. 25 2004</u> |
| | Inventor: <u>Paul</u> <u>Stephen</u> <u>DiMascio</u> <u>United States</u> | <u>(first)</u> <u>(last)</u> <u>(citizenship)</u> |
| | Residence: (city) <u>Greer</u> (state/country) <u>South Carolina</u> | |
| | Mailing Address: <u>201 Sugar Creek Lane, Greer, South Carolina</u> | |
| | (Zip Code) <u>29650</u> | |

[X] See attached sheet(s) for additional inventor(s) information!!

3. Inventor's Signature: Ravi will Date: _____
Inventor: Ravi (first) MI Annigeri (last) India (citizenship)
Residence: (city) Roswell (state/country) Georgia
Mailing Address: 100 Skyland Drive, Roswell, Georgia
(Zip Code) 30075
4. Inventor's Signature: _____ Date: _____
Inventor: _____ (first) FORM (last) _____ (citizenship)
Residence: (city) _____ (state/country) _____
Mailing Address: _____
(Zip Code) _____
5. Inventor's Signature: _____ Date: _____
Inventor: _____ (first) _____ MI _____ (last) _____ (citizenship)
Residence: (city) _____ (state/country) _____
Mailing Address: _____
(Zip Code) _____
6. Inventor's Signature: _____ Date: _____
Inventor: _____ (first) _____ MI _____ (last) _____ (citizenship)
Residence: (city) _____ (state/country) _____
Mailing Address: _____
(Zip Code) _____

FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.

RULE 63 (37 C.F.R. 1.63)
INVENTORS DECLARATION FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SILICON MODIFIED BOND COAT IN THERMAL BARRIER COATING FOR SUPERALLOYS

the specification of which (check applicable box(es)):

☒ is attached hereto
☐ was filed on _____ as U.S. Application Serial No. _____ Unassigned (Atty. Dkt. No. 839-1055)
☐ was filed as PCT International application No. _____ on _____
and (if applicable to U.S. or PCT application) was amended on _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

| Application Number | Country | Day/Month/Year Filed |
|--------------------|---------|----------------------|
|--------------------|---------|----------------------|

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

| Application Number | Date/Month/Year Filed |
|--------------------|-----------------------|
|--------------------|-----------------------|

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below:

Prior U.S./PCT Application(s):

| Application Serial No. | Day/Month/Year Filed | Status: patented pending, abandoned |
|------------------------|----------------------|--|
|------------------------|----------------------|--|

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-816-

4000 (to whom all communications are to be directed) and the attorneys of: **Customer Number 30024**, individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys from that Customer Number, and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

| | | |
|----|---|-------------|
| 1. | Inventor's Signature: _____ | Date: _____ |
| | Inventor: Ganjiang (first) MI Feng (last) United States (citizenship) | |
| | Residence: (city) Greenville (state/country) South Carolina | |
| | Mailing Address: 19 Breckenridge Court, Greenville, South Carolina | |
| | (Zip Code) 29615 | |
| 2. | Inventor's Signature: _____ | Date: _____ |
| | Inventor: Paul (first) Stephen MI DiMascio (last) United States (citizenship) | |
| | Residence: (city) Greer (state/country) South Carolina | |
| | Mailing Address: 201 Sugar Creek Lane, Greer, South Carolina | |
| | (Zip Code) 29650 | |

[X] See attached sheet(s) for additional inventor(s) information!!

3. Inventor's Signature: Rav. Annigeri Date: 3/24/2004
Inventor: Ravindra Annigeri
(first) (last)
MI India
Residence: (city) Roswell (state/country) Georgia
Mailing Address: 100 Skyland Drive, Roswell, Georgia
(Zip Code) 30075
4. Inventor's Signature: _____ Date: _____
Inventor: _____
(first) MI (last) (citizenship)
Residence: (city) _____ (state/country) _____
Mailing Address: _____
(Zip Code) _____
5. Inventor's Signature: _____ Date: _____
Inventor: _____
(first) MI (last) (citizenship)
Residence: (city) _____ (state/country) _____
Mailing Address: _____
(Zip Code) _____
6. Inventor's Signature: _____ Date: _____
Inventor: _____
(first) MI (last) (citizenship)
Residence: (city) _____ (state/country) _____
Mailing Address: _____
(Zip Code) _____

FOR ADDITIONAL INVENTORS, check box [] and attach sheet with same information and signature and date for each.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

FENG et al

Atty. Ref.: 839-1055

Serial No. Unassigned

TC/A.U.: Unassigned

Filed:

Examiner: Unassigned

For: SILICON MODIFIED BOND COAT IN THERMAL BARRIER COATING
FOR SUPERALLOYS

* * * * *

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

ATTN: LICENSING AND REVIEW

DECLARATION

We, Ganjiang Feng, Paul Stephen DiMascio, and Ravi Annigeri, whose residences are set forth below next to our names, do hereby declare as follows:

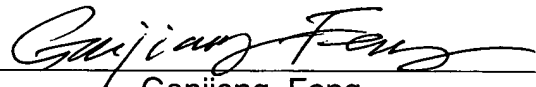
1. That we made and conceived the invention described in the U.S. patent application identified above.

2. That we made and conceived this invention while employed by General Electric, a corporation of New York, and to whom we have assigned all right, title and interest by virtue of a previously-filed Assignment document; that the invention is related to the work we are employed to perform and was made within the scope of our duties; that the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of our employer, General Electric.

3. That to the best of our knowledge and belief the invention was not made or conceived in the course of, or in connection with, or under terms of any contract,

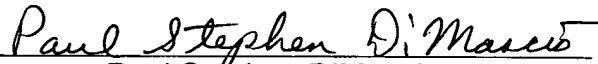
subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors, the Energy Research and Development Administration or the Department of Energy.

4. We declare further that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.




Ganjiang Feng
19 Breckenridge Court, Greenville, South
Carolina 29615

Date: 3/25/04



Paul Stephen DiMascio
201 Sugar Creek Lane, Greer, South
Carolina 29650

Date: Mar 25, 2004



Ravi Annigeri

100 Skyland Drive, Roswell, Georgia
30075

Date: _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

FENG et al

Atty. Ref.: 839-1055

Serial No. Unassigned

TC/A.U.: Unassigned

Filed:

Examiner: Unassigned

For: SILICON MODIFIED BOND COAT IN THERMAL BARRIER COATING
FOR SUPERALLOYS

* * * * *

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

ATTN: LICENSING AND REVIEW

DECLARATION

We, Ganjiang Feng, Paul Stephen DiMascio, and Ravindra Annigeri, whose residences are set forth below next to our names, do hereby declare as follows:

1. That we made and conceived the invention described in the U.S. patent application identified above.

2. That we made and conceived this invention while employed by General Electric, a corporation of New York, and to whom we have assigned all right, title and interest by virtue of a previously-filed Assignment document; that the invention is related to the work we are employed to perform and was made within the scope of our duties; that the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of our employer, General Electric.

3. That to the best of our knowledge and belief the invention was not made or conceived in the course of, or in connection with, or under terms of any contract,

subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors, the Energy Research and Development Administration or the Department of Energy.

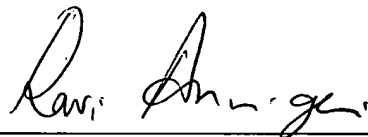
4. We declare further that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Ganjiang Feng
19 Breckenridge Court, Greenville, South
Carolina 29615

Date: _____

Paul Stephen DiMascio
201 Sugar Creek Lane, Greer, South
Carolina 29650

Date: _____


Ravindra Annigeri
100 Skyland Drive, Roswell, Georgia
30075

Date: 3/24/2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

FENG et al

Atty. Ref.: 839-1055

Serial No. Unassigned

TC/A.U.: Unassigned

Filed:

Examiner: Unassigned

For: SILICON MODIFIED BOND COAT IN THERMAL BARRIER COATING
FOR SUPERALLOYS

* * * * *

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

ATTN: LICENSING AND REVIEW

DECLARATION

We, Ganjiang Feng, Paul Stephen DiMascio, and Ravi Annigeri, whose residences are set forth below next to our names, do hereby declare as follows:

1. That we made and conceived the invention described in the U.S. patent application identified above.

2. That we made and conceived this invention while employed by General Electric, a corporation of New York, and to whom we have assigned all right, title and interest by virtue of a previously-filed Assignment document; that the invention is related to the work we were employed to perform and was made within the scope of our duties; that the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of our employer, General Electric.

3. That to the best of our knowledge and belief the invention was not made (conceived or first actually reduced to practice) under terms of any contract, subcontract

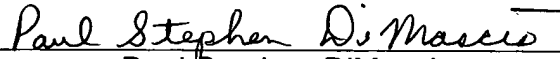
or arrangement entered into with or for the benefit of the National Aeronautics and Space Administration.

4. We declare further that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.




Ganjiang Feng
19 Breckenridge Court, Greenville, South
Carolina 29615

Date: 3/25/04



Paul Stephen DiMascio
201 Sugar Creek Lane, Greer, South
Carolina 29650

Date: Mar 25, 2004



Ravi Annigeri
100 Skyland Drive, Roswell, Georgia
30075

Date: _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

FENG et al

Atty. Ref.: 839-1055

Serial No. Unassigned

TC/A.U.: Unassigned

Filed:

Examiner: Unassigned

For: SILICON MODIFIED BOND COAT IN THERMAL BARRIER COATING
FOR SUPERALLOYS

* * * * *

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

ATTN: LICENSING AND REVIEW

DECLARATION

We, Ganjiang Feng, Paul Stephen DiMascio, and Ravindra Annigeri, whose residences are set forth below next to our names, do hereby declare as follows:

1. That we made and conceived the invention described in the U.S. patent application identified above.

2. That we made and conceived this invention while employed by General Electric, a corporation of New York, and to whom we have assigned all right, title and interest by virtue of a previously-filed Assignment document; that the invention is related to the work we were employed to perform and was made within the scope of our duties; that the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of our employer, General Electric.

3. That to the best of our knowledge and belief the invention was not made (conceived or first actually reduced to practice) under terms of any contract, subcontract

or arrangement entered into with or for the benefit of the National Aeronautics and Space Administration.

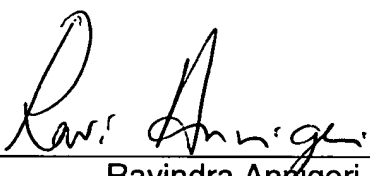
4. We declare further that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Ganjiang Feng
19 Breckenridge Court, Greenville, South
Carolina 29615

Date: _____

Paul Stephen DiMascio
201 Sugar Creek Lane, Greer, South
Carolina 29650

Date: _____


Ravindra Anrigeri
100 Skyland Drive, Roswell, Georgia
30075

Date: 3/24/2004